



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII
1860 LINCOLN STREET
DENVER, COLORADO 80295

October 4, 1978

U.S. ENVIRONMENTAL PROTECTION AGENCY/STATE OF UTAH

PUBLIC NOTICE



PURPOSE OF PUBLIC NOTICE

THE PURPOSE OF THIS NOTICE IS TO STATE EPA'S INTENTION TO ISSUE WASTEWATER DISCHARGE PERMITS UNDER THE AUTHORITY OF THE CLEAN WATER ACT OF 1977, AND THE INTENTION OF THE STATE OF UTAH TO CERTIFY COMPLIANCE OF THE APPLICANTS WITH APPLICABLE PROVISIONS OF THE AFORESAID ACT.

IT IS EPA'S INTENTION TO ISSUE PERMITS TO SIX NEW DISCHARGERS AND TO REISSUE A RENEWAL PERMIT TO ONE DISCHARGER LOCATED IN THE STATE OF UTAH.

APPLICANT INFORMATION

(1) APPLICANT NAME:

ALLIED MISSION OIL, INC.
VANADIUM QUEEN MINE

MAILING ADDRESS:

C/O ROBERT YOUNG
612 RICO WAY
GRAND JUNCTION, COLORADO 81501

TELEPHONE NUMBER:

303+242-1707

APPLICATION NUMBER:

UT-0023442

The Vanadium Queen Mine is an existing underground uranium mining operation. The mine employs three people and produces approximately fifteen tons per day of uranium ore. The mine is located in Sections 29 and 30 of Township 28 South, Range 26 East, San Juan County, Utah. The mine discharges approximately five gallons per minute of mine water, with a Total Dissolved Solids level of approximately 300 mg/l. The mine water will be ponded and treated with barium chloride addition for Radium 226 removal. The discharge flows to LaSal Creek, a tributary to the Colorado River. LaSal Creek is classified as a Class "C" water.

The effluent limitations in this permit have been based on the following criteria:

- (1) BPCTA Effluent Limitations Guidelines for Subpart E - Uranium, Radium, and Vanadium Ores Subcategory (Paragraph 440.52, Federal Register, Volume 43, Number 133, July 11, 1978);
- (2) Utah Water Quality Standards and Effluent Limitations; and,
- (3) Salinity Controls in the Colorado River Basin.

(2) APPLICANT NAME:

BRAZTAH CORPORATION
NEW PEERLESS COAL MINE

MAILING ADDRESS:

P. O. BOX 599
HELPER, UTAH 84526

TELEPHONE NUMBER:

801+472-3411

APPLICATION NUMBER:

UT-0023272

The New Peerless Mine is an inactive coal mine on property currently operated by Braztah Corporation. During the period that the mine has been inactive, groundwater has collected in the mine cavity and this water must be removed before the coal in underlying seams can be recovered. The discharge will be limited to 130 gallons per minute with a Total Dissolved Solids level of approximately 1,300 mg/l. The discharge will be to the Price River (classified Class "CC"). Braztah Corporation has agreed to eliminate the discharge to the Price River by January 1, 1983. The mine is located in Royal, Utah.

The effluent limitations in this permit have been based on the following criteria:

- (1) BPTCA for the Coal Mining Industry;
- (2) Utah Water Quality Standards and Effluent Limitations; and,
- (3) Salinity Controls in the Colorado River Basin.

(3) APPLICANT NAMES:

ENERGY FUELS NUCLEAR, INC.
BETTY MINE AND GLADE MINE*USFS Land*

MAILING ADDRESS:

SUITE 445
THREE PARK CENTRAL
1515 ARAPAHOE STREET
DENVER, COLORADO 80203

TELEPHONE NUMBER:

303+623-8317

APPLICATION NUMBERS:

UT-0023396
UT-0023400

The Betty and Glade Mines are underground uranium mining operations currently in an exploration phase. The current activity at both facilities represents a reactivation of pre-existing mines. The mine discharge at the Betty Mine will average approximately 45,000 gallons per day with a Total Dissolved Solids level of approximately 650 mg/l. The mine discharge from the Glade Mine will average about 12,000 gallons per day with a Total Dissolved Solids level of approximately 500 mg/l. The mine water from both mines will be treated with the addition of barium chloride for the removal of Radium 226. The Betty Mine is located in Sections 28 and 33 of Township 33 South, Range 20 East, San Juan County, Utah. The Glade Mine is located in Sections 33 and 34 of Township 33 and 34 South, Range 20 East, San Juan County, Utah. Both discharges will be to Stevens Canyon, a tributary to the Colorado River. Stevens Canyon is classified as a Class "C" water.

The effluent limitations in these permits have been based on the criteria listed for the Allied Mission Oil, Inc., Vanadium Queen Mine permit.

(4) APPLICANT NAME:

URADCO
RANSOME MINING PROJECT*USFS Land*

MAILING ADDRESS:

101 SOUTH THIRD
SUITE 25
GRAND JUNCTION, COLORADO 81501

TELEPHONE NUMBER:

303+245-4320

APPLICATION NUMBER:

UT-0023418

The Ransome Mining Project consists of the reactivation of four previously operated mines. When full production is reached, the project should produce approximately 30,000 tons per year of uranium ore from these underground mines. The mine discharge is estimated to be approximately 150,000 gallons per day with a Total Dissolved Solids level of approximately 1,000 mg/l. The mine water will be treated with the addition of barium chloride for the removal of Radium 226. The discharge of mine water will flow to Cottonwood Creek (classified Class "C"). The facility is located in Township 34 South, Range 20 East, San Juan County, Utah.

The effluent limitations in this permit have been based on the criteria listed for the Allied Mission Oil, Inc., Vanadium Queen Mine permit.

(5) APPLICANT NAME: CACHE VALLEY TROUT FARM
MAILING ADDRESS: 1531 WEST HIGHWAY 218
SMITHFIELD, UTAH 84335
TELEPHONE NUMBER: 801+563-6021
APPLICATION NUMBER: UT-0023434

Permit is for a fish hatchery involved in the production of trout for stocking purposes. This commercial fish hatchery produces approximately 144,000 pounds of fish per year. The discharge is to an unnamed irrigation ditch, and thence to the Bear River (classified Class "CW"). The facility is located two miles west of Smithfield, Utah.

(6) PERMITTEE NAME: IML FREIGHT, INC.
MAILING ADDRESS: 2175 SOUTH 3270 WEST
P. O. BOX 30277
SALT LAKE CITY, UTAH 84125
TELEPHONE NUMBER: 801+321-2211
NPDES PERMIT NUMBER: UT-0000744

The company specializes in long-haul, over-the-road transportation of dry freight. The facility for which this permit is written is the maintenance and truck-washing shop. The facility provides total containment for all input water. Under normal conditions there is no discharge from this facility.

The above-mentioned receiving waters are classified in the Utah Water Quality Standards for the following beneficial uses.

Class "C" waters are defined as being suitable for domestic supplies which are treated by coagulation, sedimentation, filtration and disinfection. These waters shall be suitable without treatment for aesthetics, irrigation, stock watering, propagation of fish, other aquatic life and wildlife, recreation (except swimming) and industrial supplies. Class "CC" waters shall also be protected against any wastes or activities which alone or in combination will cause an incremental increase in temperature of said waters of more than 2°F, or an elevation in such temperature above 68°F, or will cause the dissolved oxygen level of such waters to fall below 6.0 mg/l.

Class "CW" waters shall be protected as "C" waters, and also against any wastes or activities which will cause an incremental increase in temperature of said waters of more than four degrees fahrenheit, or an elevation above 80°F.

EPA/STATE TENTATIVE DETERMINATIONS

Tentative determinations have been made by the EPA staff in cooperation with the State of Utah relative to effluent limitations and other conditions to be imposed on the permit. These limitations and conditions will assure that State Water Quality Standards and applicable provisions of the Clean Water Act will be protected. The recommended expiration date for the permits is December 31, 1981, except for IML Freight, Inc., whose expiration date is September 30, 1983; and Braztah Corporation, whose expiration date is June 30, 1982; and Cache Valley Trout Farm whose expiration date is March 31, 1980.

PUBLIC COMMENTS

Public comments are invited anytime prior to November 4, 1978. Comments may be directed to the U.S. Environmental Protection Agency, Region VIII, Enforcement Division, Permits Administration and Compliance Branch, 1860 Lincoln Street, Denver, Colorado 80295. All comments received prior to November 4, 1978, will be considered in the formulation of final determinations to be imposed on the permits.

If no objections are received within the specified thirty-day period, the Regional Administrator, EPA, will issue final determinations within sixty days of the date of this notice. A public hearing will be held if response to this notice indicates significant public interest.

FURTHER INFORMATION

Additional information may be obtained upon request by calling 303+837-4901, or by writing to the aforementioned address.

The completed applications, final permits, and related documents are available for review and reproduction at the aforementioned address.

Public Notice Number UT-78-007

**UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY**

**REGION VIII
1860 LINCOLN STREET
DENVER, COLORADO 80203**

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